



System Routes Commands

- [system routes route](#), on page 2
- [show system routes](#), on page 3
- [show system dhcp-routes](#), on page 4
- [show running-config system routes](#), on page 5

system routes route

To create a new system route or to modify an existing system route, use the **system routes route** command in global configuration mode. To delete a system route, use the **no** form of the command.

```
system routes route destination prefix-length [gateway gateway] [dev device]  
no system routes route destination prefix-length
```

Syntax Description		
	<i>destination</i>	The route destination address.
	<i>prefix-length</i>	The netmask for the destination address.
	gateway gateway	(Optional) The gateway for the route.
	dev device	(Optional) The device interface that the route will use.

Command Default None

Command Modes Global configuration (config)

Command History	Release	Modification
	3.5.1	This command was introduced.

Usage Guidelines Though only the destination and prefix length are mandatory parameters for creating a route, a valid route requires that you specify the gateway or the interface or both.

Example

The following command creates a system route to the destination 203.0.113.1:

```
nfvis(config)# system routes route 203.0.113.1 12 dev lan-br  
nfvis(config)# commit  
nfvis(config)# end
```

show system routes

To display the list of system routes, use the **show system routes** command in privileged EXEC mode.

```
show system routes [route route-name]
```

Syntax Description	route <i>route-name</i> (Optional) Name of the process.
Command Default	None
Command Modes	Privileged EXEC (#)
Command History	Release Modification
	3.5.1 This command was introduced.

Example

The following is a sample output from the **show system routes** command:

```
nfvis# show system routes
DESTINATION      PREFIXLEN  STATUS
-----
203.0.113.1      12         -
203.0.113.2      12         -
203.0.113.3      24         -
```

show system dhcp-routes

To display the DHCP static routes, use the **show system dhcp-routes** command in privileged EXEC mode.

show system dhcp-routes

Syntax Description	This command has no arguments or keywords.
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Command Modes	Privileged EXEC (#)
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Command History	Release Modification
	3.6.1 This command was introduced.

Example

```

nfvis# show system dhcp-routes
DESTINATION      PREFIXLEN  GATEWAY      DEV
-----
192.0.2.0        16         203.0.113.0  wan-br
192.0.2.213     32         203.0.113.0  wan-br

```

show running-config system routes

To display the running configuration of system routes, use the **show running-config system routes** command in privileged EXEC mode.

```
show running-config system routes [route route-name]
```

Syntax Description	route <i>route-name</i> (Optional) Name of the process.
Command Default	None
Command Modes	Privileged EXEC (#)
Command History	Release Modification
	3.5.1 This command was introduced.

Example

```
nfvis# show running-config system routes
DESTINATION      PREFIXLEN  STATUS
-----
203.0.113.1     12         -
203.0.113.2     12         -
203.0.113.3     24         -
```

```
show running-config system routes
```